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|                                  |              |                  |  |
| <b>Adventures in Aeronautics</b> |              |                  |  |
| <b>2009 Science</b>              |              |                  |  |
| <b>Academic Standards</b>        |              |                  |  |
| <b>Minnesota Science</b>         |              |                  |  |
| <b>Grade 3</b>                   |              |                  |  |
| <b>Activity/Lesson</b>           | <b>State</b> | <b>Standards</b> |  |
| Adventures in Aeronautics        | MN           | SCI.3.3.1.3.2.2  | Recognize that the practice of science and/or engineering involves many different kinds of work and engages men and women of all ages and backgrounds. |
|                                  |              |                  |  |
| <b>Adventures in Aeronautics</b> |              |                  |  |
| <b>2009 Science</b>              |              |                  |  |
| <b>Academic Standards</b>        |              |                  |  |
| <b>Minnesota Science</b>         |              |                  |  |
| <b>Grade 4</b>                   |              |                  |  |
| <b>Activity/Lesson</b>           | <b>State</b> | <b>Standards</b> |  |
| Adventures in Aeronautics        | MN           | SCI.4.4.2.1.1.1  | Measure temperature, volume, weight and length using appropriate tools and units.  |
|                                  |              |                  |  |
| <b>Adventures in Aeronautics</b> |              |                  |  |
| <b>2009 Science</b>              |              |                  |  |
| <b>Academic Standards</b>        |              |                  |  |
| <b>Minnesota Science</b>         |              |                  |  |
| <b>Grade 5</b>                   |              |                  |  |
| <b>Activity/Lesson</b>           | <b>State</b> | <b>Standards</b> |  |
| Adventures in Aeronautics        | MN           | SCI.5.5.2.2.1.1  | Give examples of simple machines and demonstrate how they change the input and output of forces and motion.  |
| Adventures in Aeronautics        | MN           | SCI.5.5.2.2.1.2  | Identify the force that starts something moving or changes its speed or direction of motion.   |
| Adventures in Aeronautics        | MN           | SCI.5.5.2.2.1.3  | Demonstrate that a greater force on an object can produce a greater change in motion.  |